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... and 10 m in diameter) dispersed in aqueous media making use of their dielectrophoresis and electrophoresis with a **hyperbolic** quadruple electrode system. ...  
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**dielectrophoresis**. The high strength electric fields that are often used in ...  
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**dielectrophoresis** for the separation of a mixture of sub-. micrometre particles [33].  
... by a **hyperbolic** function in the centre and parallel edges ...  
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and particulate **dielectrophoresis**. MR King. a. and OA Lomakin ... stretched by the **hyperbolic** sine and cosine so that the upper. interface is defined by ...  
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the motion of particles caused by gravity, **dielectrophoresis** (DEP) and ...  
importance: the **hyperbolic** polynomial electrode and the castellated electrode. ...  
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### Size-selective deposition of particles combining liquid and ...

... of particles combining liquid and particulate **dielectrophoresis** ... then, the dimensionless coordinates are stretched by the **hyperbolic** sine and cosine ...  
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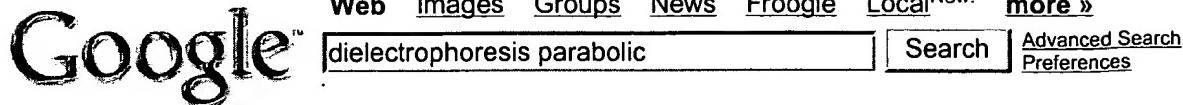
We assign this trapping to strong **dielectrophoresis** due to the high electric field ... of DNA in a wedge gel with **hyperbolic** geometry (Frumin et al., 2001). ...  
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### Frequency and Voltage Dependence of the Dielectrophoretic Trapping ...

We assign this trapping to strong **dielectrophoresis** due to the high electric ... of DNA in a wedge gel with **hyperbolic** geometry (Frumin et al., 2001 ). ...  
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... **Dielectrophoresis** 187(1) 9.7 Summary 187(1) 9.8 References 187(4) Chapter Ten  
Electrode design and Electric field 191(1) simulation 10.1 **Hyperbolic** ...  
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Unless steps are taken to influence the profile, it will be **parabolic** in form  
and the fluid ... The technique of **dielectrophoresis** combined with field flow ...

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phenomenon such as **dielectrophoresis** (DEP) can be used to. move and discriminate matter. If the goal is to build small, ... is almost perfectly **parabolic** ...

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**dielectrophoresis**, the electrokinetic behaviour of latex beads and viable ...  
calculated **parabolic** flow profile [23] (figure 10) and is most ...

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in the **parabolic** velocity profile of liquid flowing through the. chamber. ...  
tation by **dielectrophoresis** can facilitate particle separation ...

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**ESA Outreach: Student Parabolic Flight Campaign**

The European Space Agency is resuming the organisation of **parabolic** flight ...  
is called **dielectrophoresis**), and then, otoliths will touch the cilia. ...

[www.estec.esa.nl/outreach/parabolic/exp\\_2003\\_frame.htm](http://www.estec.esa.nl/outreach/parabolic/exp_2003_frame.htm) - 61k - [Cached](#) - [Similar pages](#)

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one population experience positive **dielectrophoresis** and are ... sumed to follow  
a **parabolic** laminar flow profile such that at ...

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**Dielectrophoresis** is the movement of dipole particles as a result of the "mechanical  
... developed very quickly after the streams converge and a **parabolic** ...

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**Dielectrophoresis** (DEP) is a well known effect that occurs ... the drag force on  
the particles have a **parabolic** distribution ...

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 (1987) "Electrochemistry at Pt **band electrodes** of width approaching molecular ... or as driving electrodes for electrophoresis or

[dielectrophoresis](#) ...  
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**Microband electrode arrays - Patent 6790341**

11 is a steady-state cyclic voltammogram for Au **band electrodes** ... or as driving electrodes for electrophoresis or  
**dielectrophoresis** ...  
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Page 1. WTEC Panel Report on INTERNATIONAL RESEARCH AND DEVELOPMENT IN BIOSENSING Jerome Schultz (chair) Milan Mrksich (vice-chair) ...  
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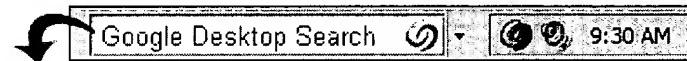
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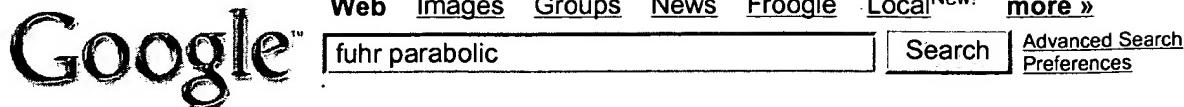
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121, **Parabolic** approximation, radiative transfer and time reversal Albert C Fannjiang  
 ... G **Fuhr**, S Benkadda, P Beyer, X Garbet, P Ghendrih and Y Sarazin ...  
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... Anthony, Convergence of a finite volume scheme for nonlinear degenerate  
**parabolic** equations. 00-18, **Fuhr**, Harmut - Hwang, Wen-Liang - Torrésani, Bruno ...  
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 reaching higher positions in the **parabolic** velocity profile of the ... **Fuhr**,  
 G.; Wagner, B.; Zimmermann, U. Naturwissenschaften 1996, 83, 172- ...  
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 Existence of Fast Travelling Waves for some **Parabolic** Equations - . ...  
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 al., 1991; **Fuhr** et al., 1992); these rely on the electrical properties of the  
 ... In general, the data at the section  $x = -4$  cm fits its **parabolic** profile ...  
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 In the late 1990s, the research group lead by G. **Fuhr** was the first ... speed at  
 mid-height of the **parabolic** flow profile). Taking the ...  
[infoscience.epfl.ch/getfile.py?docid=4573&name=Seger'04-LabChip&format=pdf&version=1](http://infoscience.epfl.ch/getfile.py?docid=4573&name=Seger'04-LabChip&format=pdf&version=1) - [Similar pages](#)

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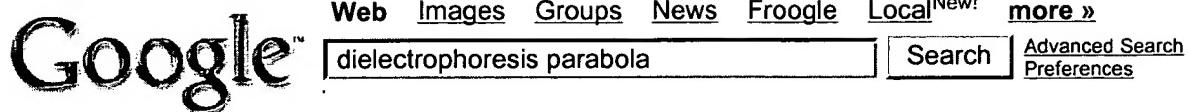
The **parabolic** flow profile is approximately linear when the particle is close to the  
 ... Schnelle, T., T. Muller, G. Gradl, SG Shirley, and G. **Fuhr**. 1999b. ...  
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... endlich zu erfüllen. Er nutzte eine Schwäche des damals dominierenden Bernard  
 Hinault und **fuhr** sechs Tage im Gelben Trikot. Als am ...  
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 experiencing a **parabolic** HD drag force; (B) Release flow rate and holding ...  
 searchers (**Fuhr** et al., 1992a). At this point, the holding ...  
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microfluidic devices adopting **dielectrophoresis**, 4.5. isoelectric. focusing,  
... depth; that is, the partial area of the **parabola** is proportional ...

[www.rsc.org/ej/LC/2005/b509386d.pdf](http://www.rsc.org/ej/LC/2005/b509386d.pdf) - [Similar pages](#)

**Research Overview**

The flow profile in an FFF channel can be described by a **parabola** with the highest  
... They include **dielectrophoresis**, analytical particle electrophoresis, ...

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... flow in the channel is slow and laminar as indicated the **parabola** to the left.

... For instance, a **dielectrophoresis** force is generated by a molecule ...

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**[PDF] Dielectrophoretic separation of cells: Continuous separation**

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**Dielectrophoresis** is the movement of particles in non-. uniform alternating and  
direct ... **Parabolic** flow profile in the separation chamber. When the ...

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To excellent approximation, the transverse profile is a **parabola**,  $h(x,y,t) =$

$hc(x,t)(1 - 4y^2/w^2)$  ... of aqueous liquids: electrowetting and **dielectrophoresis** ...

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lenslet is the shape of A **parabola** with exact shape determined by the optical and  
... interdigitated electrodes for cell separation by **dielectrophoresis** ...

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to Excellent approximation, the transverse Profile is A **parabola**,  $h(x,y,t) =$

$hc(x,t)(1 - 4y^2/w^2)$  ... OF aqueous liquids: electrowetting and **dielectrophoresis** ...

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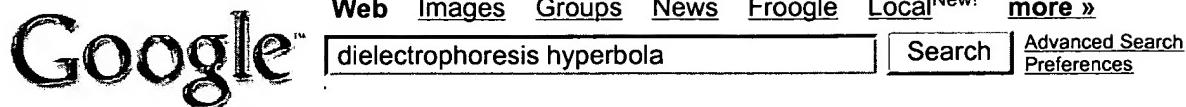
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**United States Patent Application: 0030012483**

8 depicts a microchannel configured to move fluids via **dielectrophoresis**. ...

interface tension as an inverted **parabola** horizontally offset by v.sub.PZC. ...

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Field; this is known as positive Dielectrophoresis. However in certain circumstances, ... the latter, the curves are **hyperbola**. inside the cylinder. ...

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**EP1211510**

... Capillary electrophoresis and **dielectrophoresis** in which several segments filled with at ... vessel with the outer borders shaped as a **hyperbola** will generate a ...

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**Abstract of All Papers presented to 2003 Annual Meeting of The ...**

It seems that **dielectrophoresis** will make them oriented because of The difference of ... in a strict sense, The form of a **hyperbola** electrode automatically ...

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**EP1211510 Proteologics european software patent - Methods and ...**

[0002] electrophoresis (EP), **dielectrophoresis** and electrochromatography are widely used techniques ... [0118] A **hyperbola** is described by formula  $y=A/x$  . ...

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half focal distance of **hyperbola**. dielectric displacement. electric field.

Laplace field  $V/kr$  ... rise, are repelled by **dielectrophoresis**. ...

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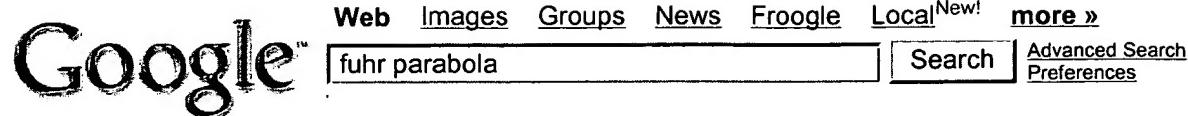
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al., 1991; **Fuhr** et al., 1992); these rely on the electrical properties of the fluid and are thus ... The **parabola** at this section is also shown in Figure 2. ...  
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Aluminum Plating Improves Mirror Surfaces, Thermal Cycling ...Similarly, AlumiPlate's 80-mm **parabola** had a surface finish of about 40 Å rms.... Contact: Bryan **Fuhr**, AlumiPlate Inc., Minneapolis; (612) 786-3788. ...

[www.photonics.com/spectra/applications/XQ/ASP/aoaid.102/QX/read.htm](http://www.photonics.com/spectra/applications/XQ/ASP/aoaid.102/QX/read.htm) - 32k - [Cached](#) - [Similar pages](#)

Mystik: Rosenkreuzer Parabola - [ [Translate this page](#) ]

Die ursprüngliche Fassung der rosenkreuzerischen **Parabola** ist einige Jahrhunderte alt und ... so **fuhr** ich in der Ausübung meiner Pflicht Tag und Nacht fort. ...

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Fuhr derowegen mit meiner angefangenen Wärme fort, und continuirete dieselbe ...

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bifurcation by 'fuhr' kay shuhn. bilateral 'by lad uh ruhl. binary 'by nuh ree.

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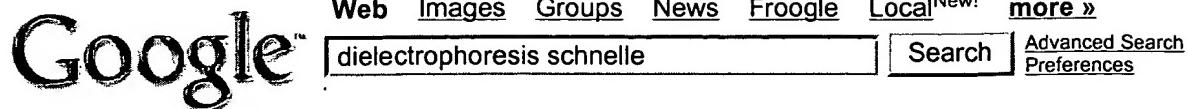
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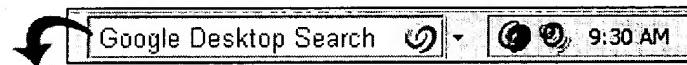
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